

Raul Torres-Ruiz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,375
citations

19
h-index

36
g-index

62
ext. papers

1,805
ext. citations

8.6
avg, IF

4.3
L-index

#	Paper	IF	Citations
54	Nodal/Activin signaling drives self-renewal and tumorigenicity of pancreatic cancer stem cells and provides a target for combined drug therapy. <i>Cell Stem Cell</i> , 2011 , 9, 433-46	18	314
53	Engineering human tumour-associated chromosomal translocations with the RNA-guided CRISPR-Cas9 system. <i>Nature Communications</i> , 2014 , 5, 3964	17.4	167
52	Human mesenchymal stem cell-replicative senescence and oxidative stress are closely linked to aneuploidy. <i>Cell Death and Disease</i> , 2013 , 4, e691	9.8	156
51	Immune Profiling and Quantitative Analysis Decipher the Clinical Role of Immune-Checkpoint Expression in the Tumor Immune Microenvironment of DLBCL. <i>Cancer Immunology Research</i> , 2019 , 7, 644-657	12.5	52
50	CRISPR/Cas9 for Cancer Therapy: Hopes and Challenges. <i>Biomedicines</i> , 2018 , 6,	4.8	50
49	Gain-of-function mutations in DNMT3A in patients with paraganglioma. <i>Genetics in Medicine</i> , 2018 , 20, 1644-1651	8.1	49
48	Clinically Relevant Correction of Recessive Dystrophic Epidermolysis Bullosa by Dual sgRNA CRISPR/Cas9-Mediated Gene Editing. <i>Molecular Therapy</i> , 2019 , 27, 986-998	11.7	48
47	Somatic genome editing with the RCAS-TVA-CRISPR-Cas9 system for precision tumor modeling. <i>Nature Communications</i> , 2018 , 9, 1466	17.4	38
46	Efficient Recreation of t(11;22) EWSR1-FLI1 in Human Stem Cells Using CRISPR/Cas9. <i>Stem Cell Reports</i> , 2017 , 8, 1408-1420	8	35
45	Physical Proximity of Sister Chromatids Promotes Top2-Dependent Intertwining. <i>Molecular Cell</i> , 2016 , 64, 134-147	17.6	34
44	NHEJ-Mediated Repair of CRISPR-Cas9-Induced DNA Breaks Efficiently Corrects Mutations in HSPCs from Patients with Fanconi Anemia. <i>Cell Stem Cell</i> , 2019 , 25, 607-621.e7	18	33
43	Development Refractoriness of MLL-Rearranged Human B Cell Acute Leukemias to Reprogramming into Pluripotency. <i>Stem Cell Reports</i> , 2016 , 7, 602-618	8	29
42	mTORC1 Inactivation Promotes Colitis-Induced Colorectal Cancer but Protects from APC Loss-Dependent Tumorigenesis. <i>Cell Metabolism</i> , 2018 , 27, 118-135.e8	24.6	26
41	CRISPR-Cas9 technology: applications and human disease modelling. <i>Briefings in Functional Genomics</i> , 2017 , 16, 4-12	4.9	25
40	In vivo CRISPR/Cas9 targeting of fusion oncogenes for selective elimination of cancer cells. <i>Nature Communications</i> , 2020 , 11, 5060	17.4	22
39	NG2 antigen is a therapeutic target for MLL-rearranged B-cell acute lymphoblastic leukemia. <i>Leukemia</i> , 2019 , 33, 1557-1569	10.7	22
38	Truncated RUNX1 protein generated by a novel t(1;21)(p32;q22) chromosomal translocation impairs the proliferation and differentiation of human hematopoietic progenitors. <i>Oncogene</i> , 2016 , 35, 125-34	9.2	21

37	A chemokine targets the nucleus: Cxcl12-gamma isoform localizes to the nucleolus in adult mouse heart. <i>PLoS ONE</i> , 2009 , 4, e7570	3.7	20
36	Hematologic β -tubulin VI isoform exhibits genetic variability that influences paclitaxel toxicity. <i>Cancer Research</i> , 2012 , 72, 4744-52	10.1	19
35	An integration-defective lentivirus-based resource for site-specific targeting of an edited safe-harbour locus in the human genome. <i>Gene Therapy</i> , 2014 , 21, 343-52	4	17
34	CRISPR-Cas9: A Revolutionary Tool for Cancer Modelling. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 22151-68	6.3	17
33	Gene editing of PKLR gene in human hematopoietic progenitors through 5R and 3RUTR modified TALEN mRNA. <i>PLoS ONE</i> , 2019 , 14, e0223775	3.7	15
32	Non-integrative lentivirus drives high-frequency cre-mediated cassette exchange in human cells. <i>PLoS ONE</i> , 2011 , 6, e19794	3.7	15
31	The molecular pathogenesis of the NUP98-HOXA9 fusion protein in acute myeloid leukemia. <i>Leukemia</i> , 2017 , 31, 2000-2005	10.7	14
30	Epigenetic reprogramming of primary pancreatic cancer cells counteracts their in vivo tumorigenicity. <i>Oncogene</i> , 2019 , 38, 6226-6239	9.2	13
29	Enhanced hemato-endothelial specification during human embryonic differentiation through developmental cooperation between and fusions. <i>Haematologica</i> , 2019 , 104, 1189-1201	6.6	12
28	Generation and characterization of a human iPSC cell line expressing inducible Cas9 in the "safe harbor" AAVS1 locus. <i>Stem Cell Research</i> , 2017 , 21, 137-140	1.6	11
27	CRISPR/Cas9 Technology: Applications and Human Disease Modeling. <i>Progress in Molecular Biology and Translational Science</i> , 2017 , 152, 23-48	4	10
26	The value of lncRNA FENDRR and FOXF1 as a prognostic factor for survival of lung adenocarcinoma. <i>Oncotarget</i> , 2020 , 11, 1172-1185	3.3	8
25	The value of lncRNA and as a prognostic factor for survival of lung adenocarcinoma. <i>Oncotarget</i> , 2020 , 11, 1172-1185	3.3	8
24	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020 , 48, 12234-12251	20.1	8
23	Melanoma-derived small extracellular vesicles induce lymphangiogenesis and metastasis through an NGFR-dependent mechanism. <i>Nature Cancer</i> , 2021 , 2, 1387-1405	15.4	7
22	Aberrant integration of Hepatitis B virus DNA promotes major restructuring of human hepatocellular carcinoma genome architecture. <i>Nature Communications</i> , 2021 , 12, 6910	17.4	6
21	A novel and efficient tandem CD19- and CD22-directed CAR for B cell ALL. <i>Molecular Therapy</i> , 2021 ,	11.7	6
20	Narrowing the Genetic Causes of Language Dysfunction in the 1q21.1 Microduplication Syndrome. <i>Frontiers in Pediatrics</i> , 2018 , 6, 163	3.4	5

19	A faecal microbiota signature with high specificity for pancreatic cancer.. <i>Gut</i> , 2022 ,	19.2	5
18	Functional characterization of two enhancers located downstream FOXP2. <i>BMC Medical Genetics</i> , 2019 , 20, 65	2.1	4
17	RIAM-VASP Module Relays Integrin Complement Receptors in Outside-In Signaling Driving Particle Engulfment. <i>Cells</i> , 2020 , 9,	7.9	4
16	Robustness of Catalytically Dead Cas9 Activators in Human Pluripotent and Mesenchymal Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 20, 196-204	10.7	4
15	Small molecule inhibitor of OGG1 blocks oxidative DNA damage repair at telomeres and potentiates methotrexate anticancer effects. <i>Scientific Reports</i> , 2021 , 11, 3490	4.9	4
14	Fast Diffusion Sustains Plasma Membrane Accumulation of Phosphatase of Regenerating Liver-1. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 585842	5.7	3
13	PD-L1 expression in peripheral T-cell lymphomas is not related to either gene amplification or rearrangements. <i>Leukemia and Lymphoma</i> , 2021 , 62, 1648-1656	1.9	2
12	Analysis of Telomere Maintenance Related Genes Reveals as a New Metastatic-Risk Marker in Pheochromocytoma/Paraganglioma. <i>Cancers</i> , 2021 , 13,	6.6	2
11	A clinically compatible drug-screening platform based on organotypic cultures identifies vulnerabilities to prevent and treat brain metastasis.. <i>EMBO Molecular Medicine</i> , 2022 , e14552	12	2
10	and Genetic Disease Modeling via NHEJ-Precise Deletions Using CRISPR-Cas9. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 19, 426-437	6.4	1
9	CRISPR Approaches for the Diagnosis of Human Diseases.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
8	Somatic genome editing with the RCAS/TVA-CRISPR/Cas9 system for precision tumor modeling		1
7	Functional genetic characterization by CRISPR-Cas9 of two enhancers of FOXP2 in a child with speech and language impairment		1
6	Integrative methylome-transcriptome analysis unravels cancer cell vulnerabilities in infant MLL-rearranged B cell acute lymphoblastic leukemia. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	1
5	Detection of chromosome instability by interphase FISH in mouse and human tissues. <i>STAR Protocols</i> , 2021 , 2, 100631	1.4	0
4	Modeling Cancer Using CRISPR-Cas9 Technology 2017 , 905-924		
3	The Use of Innovative Tools to Reproduce Human Cancer Translocations: Lessons from the CRISPR/Cas System. <i>Current Biotechnology</i> , 2015 , 3, 273-278	0.6	
2	NHEJ-Mediated Gene Editing, a Versatile Approach to Correct a Variety of Fanconi Anemia Genes in HSCs. <i>Blood</i> , 2019 , 134, 4639-4639	2.2	

- 1 Functional Characterization of a Dual Enhancer/Promoter Regulatory Element Leading Human Expression. *Frontiers in Genetics*, **2020**, 11, 552949 4-5